



5

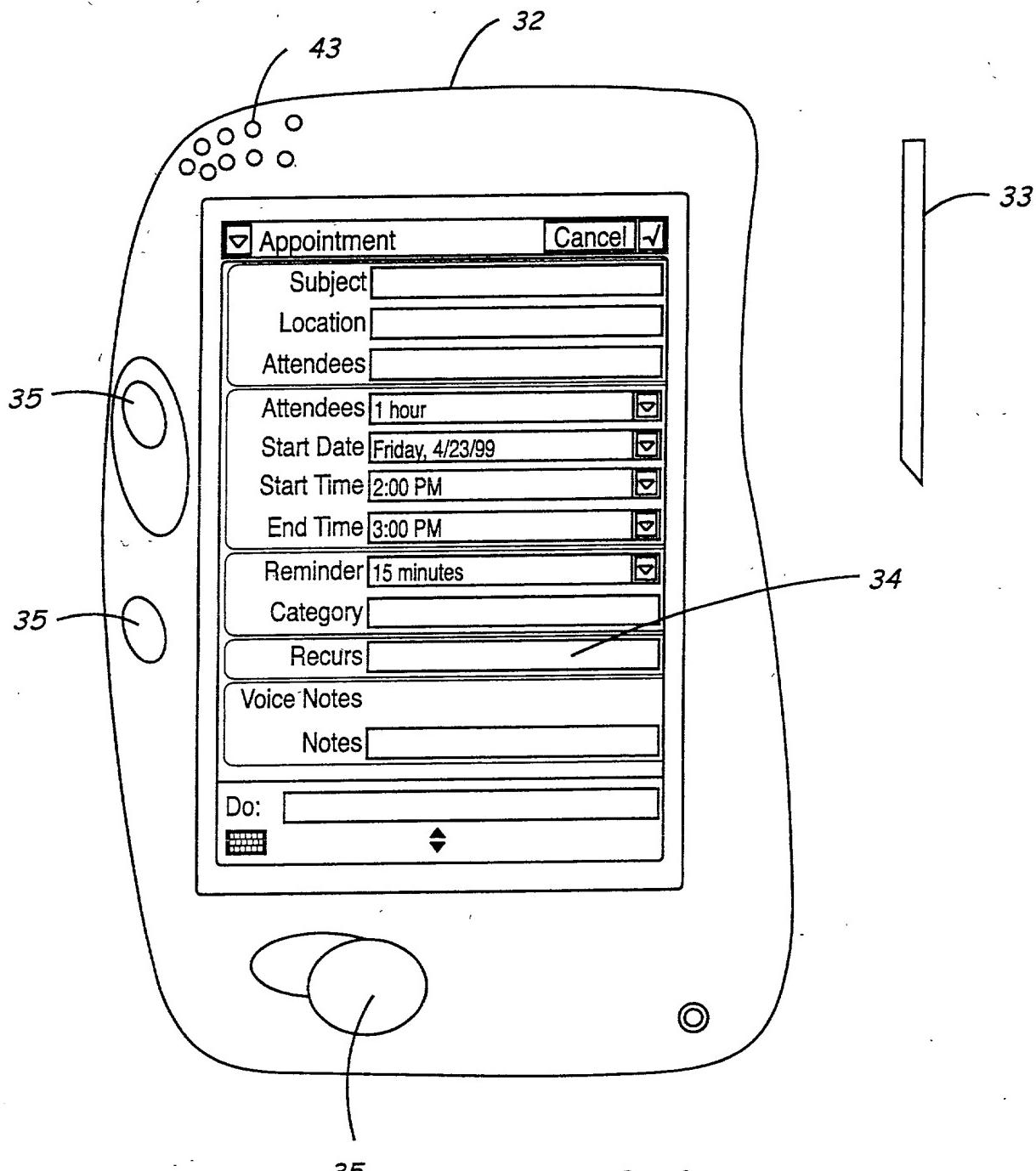


FIG. 1

FIG.2

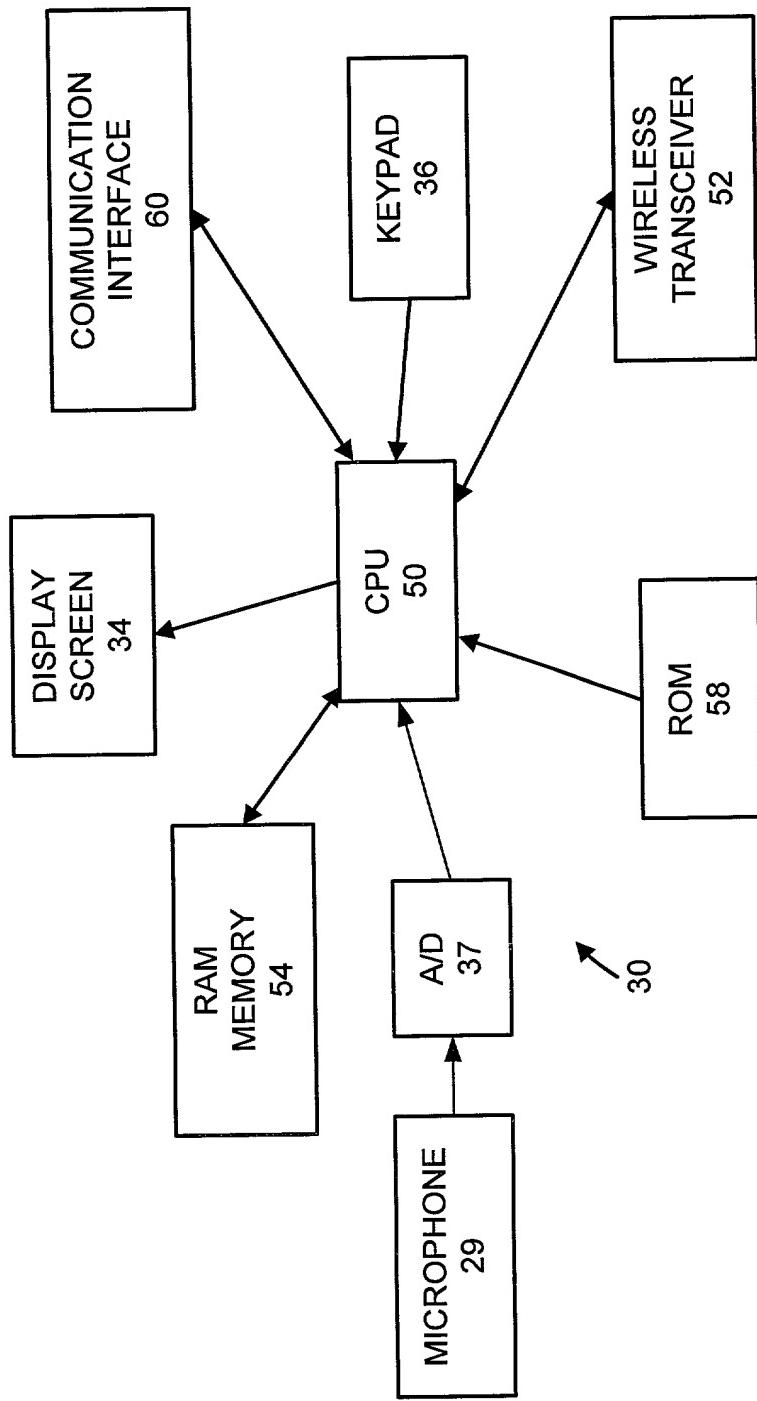
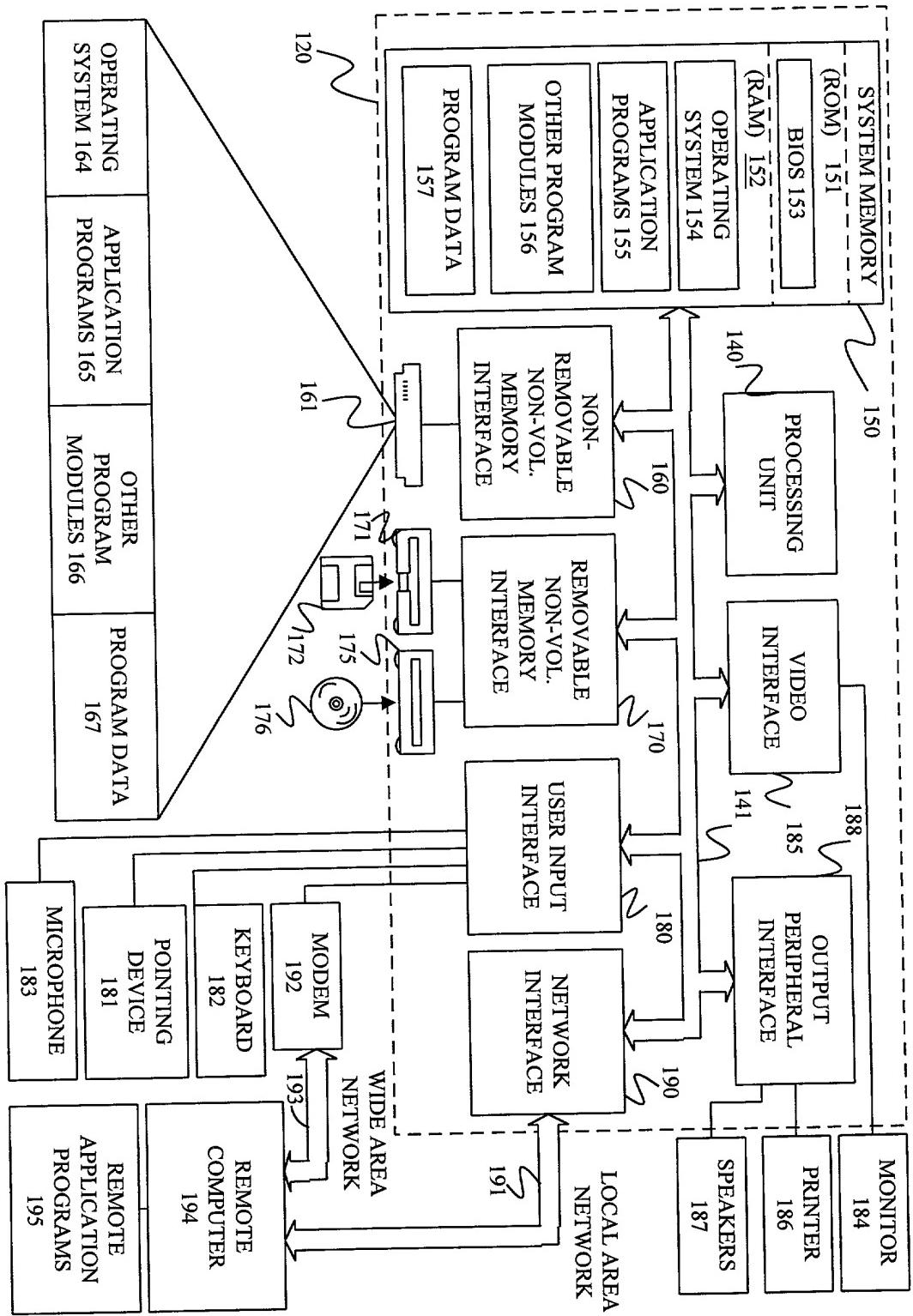




FIG. 3



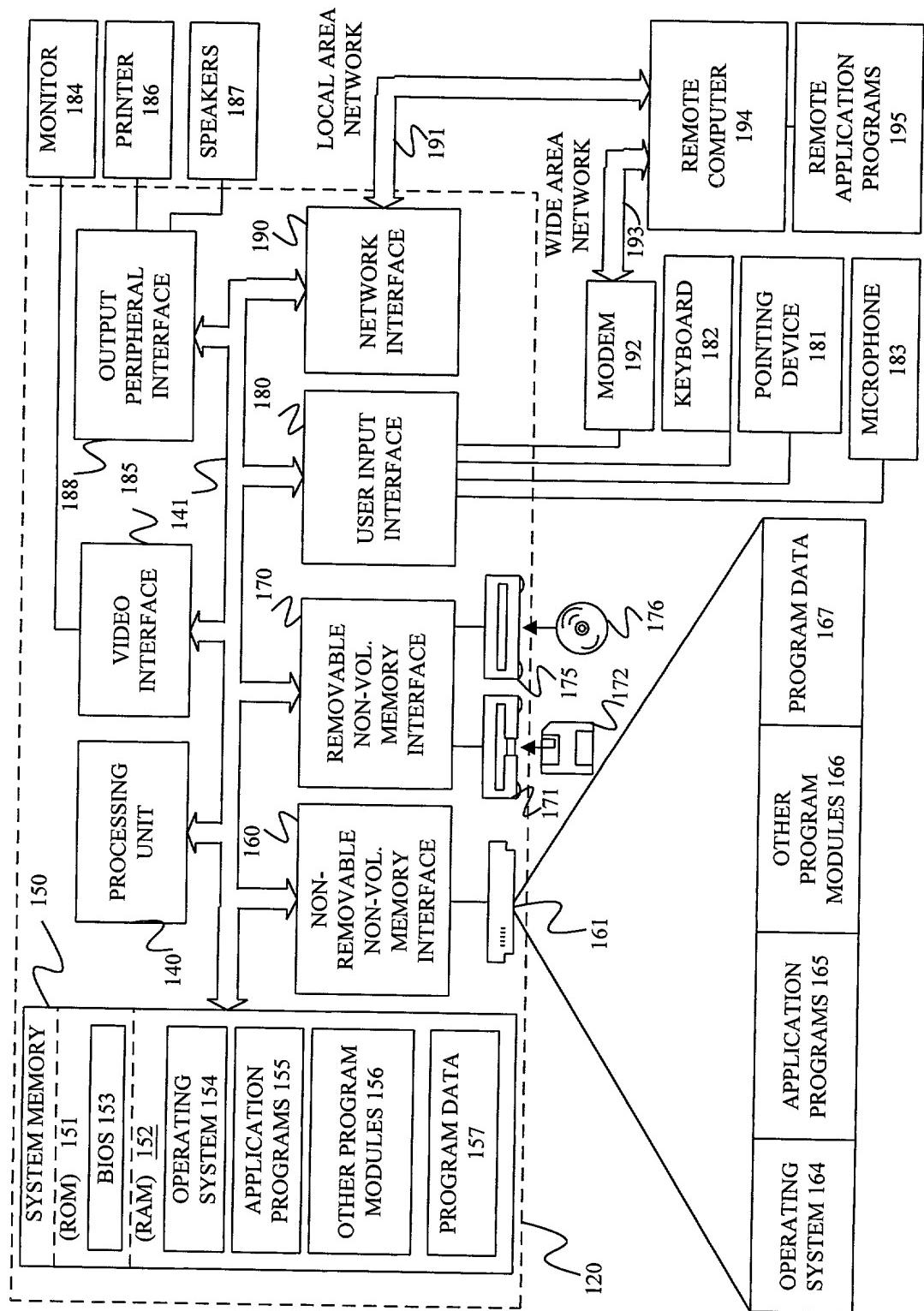
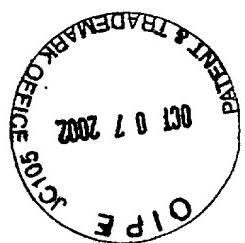


FIG. 3



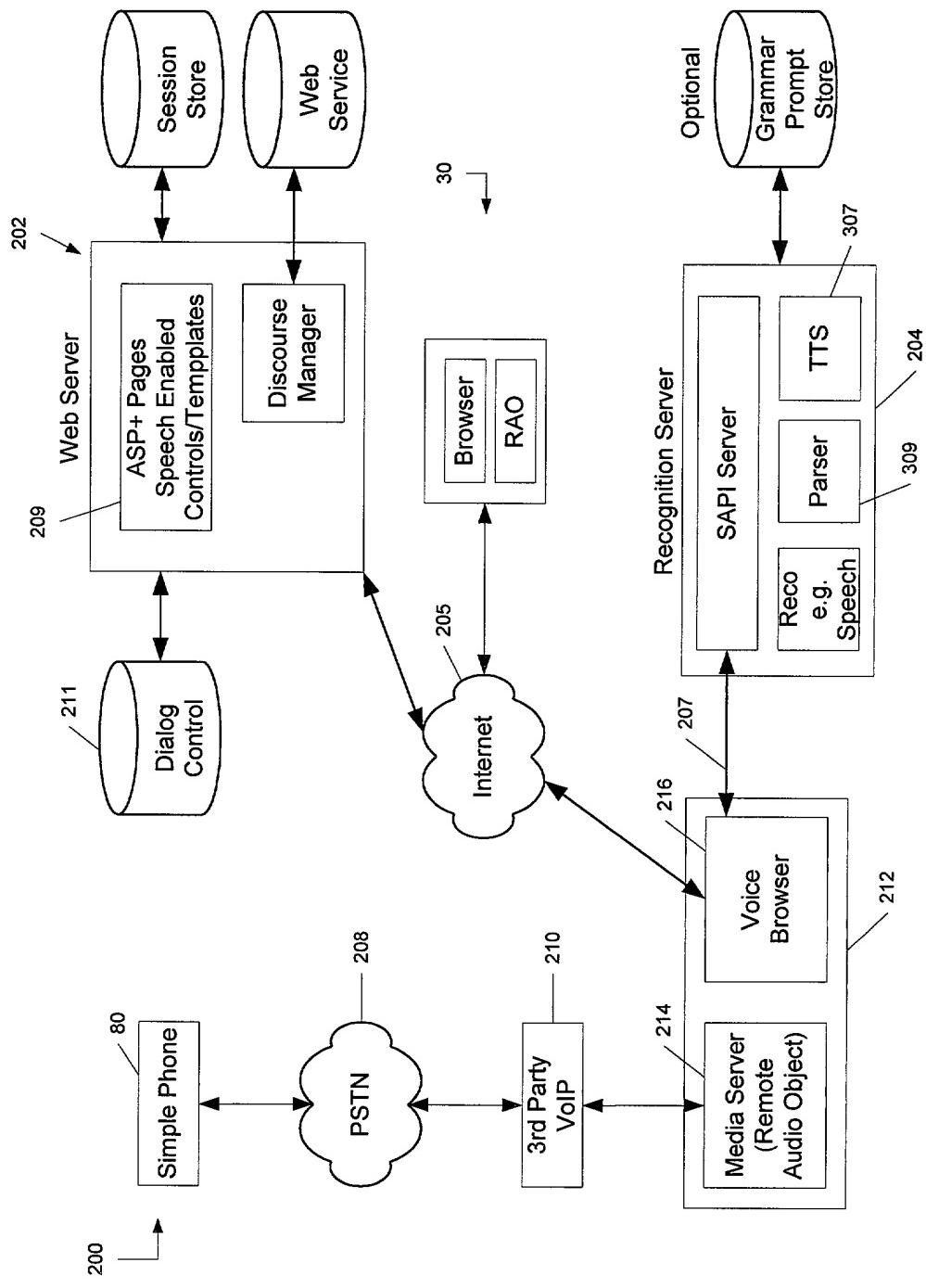


FIG. 4



CREDIT CARD SUBMISSION

304

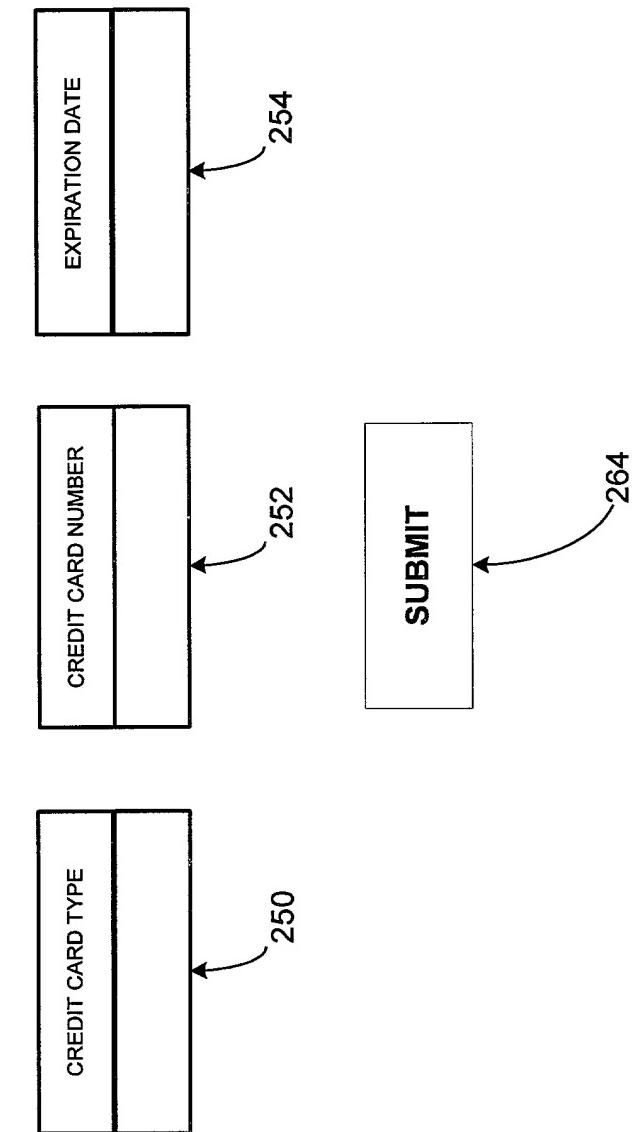
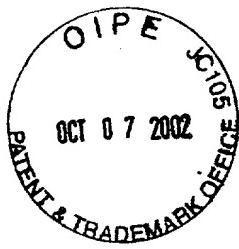


FIG. 5



```

270   <html>
      <form id="get_card_info" method="post" action="http://payment.asp">
        <select name="card_type" onClick="talk(g_card_types)">
          <option value="amex">American Express</option>
          <option value="visa">Visa</option>
          <option value="ms">MasterCard</option>
        </select>
        <reco id="g_card_types" onReco ="handle() " >
          <grammar src="../gram#card_types" />
        </reco >
        <input type="text" name="card_num" width="30"
               onClick="talk(g_card_num)" />
        <reco id=" g_card_num " onReco ="handle() " >
          <grammar src="../gram#digits" />
        </reco >
        <input type="text" name="expiry_date"
               onClick="talk(g_expiry_date)" />
        <reco id="g_expiry_date " >
          <grammar src ="../gram#dates" />
        </reco >
        <input type="submit" value="Submit" onClick="verify()" />
      </form>
      <script><![CDATA[
        function talk(gobj) {
          gobj.activate();
        }
        function handle() {
          if (get_card_info.card_num != null) {
            if (get_card_info.card_type.value == "amex") {
              if (get_card_info.card_num.length != 15)
                alert ("amex should have 15 digits");
            } else
              if (get_card_info.card_num.length != 16)
                alert ("visa and master should have 16 digits");
            }
          }
        function verify() {
          var flag = window.confirm("submit the credit card
info?");
          if (flag) {
            get_card_info.submit();
          }
        }
      ]]>
    </script>
  </html>

```

270 → 290 → 272 → 280 → 282 → 284

FIG. 6

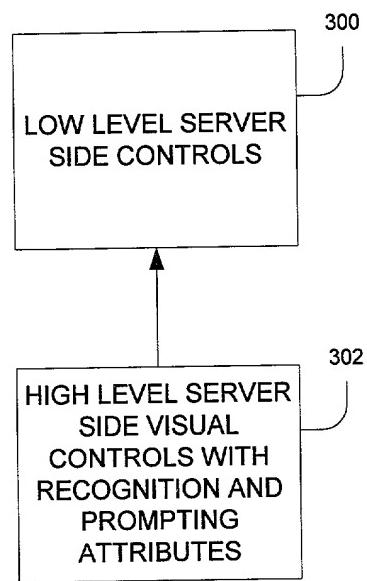


FIG. 7

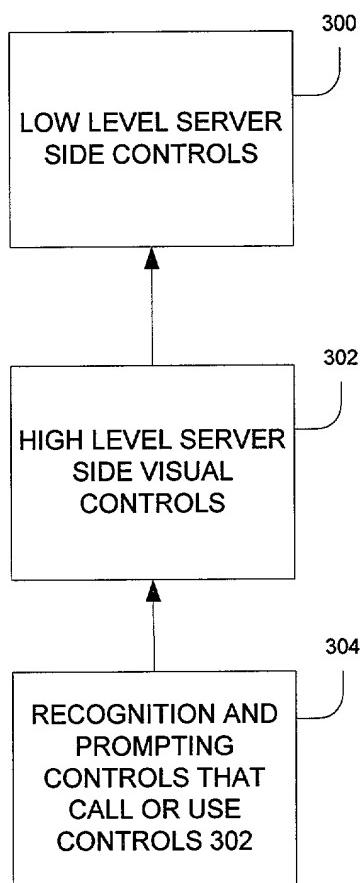


FIG. 8

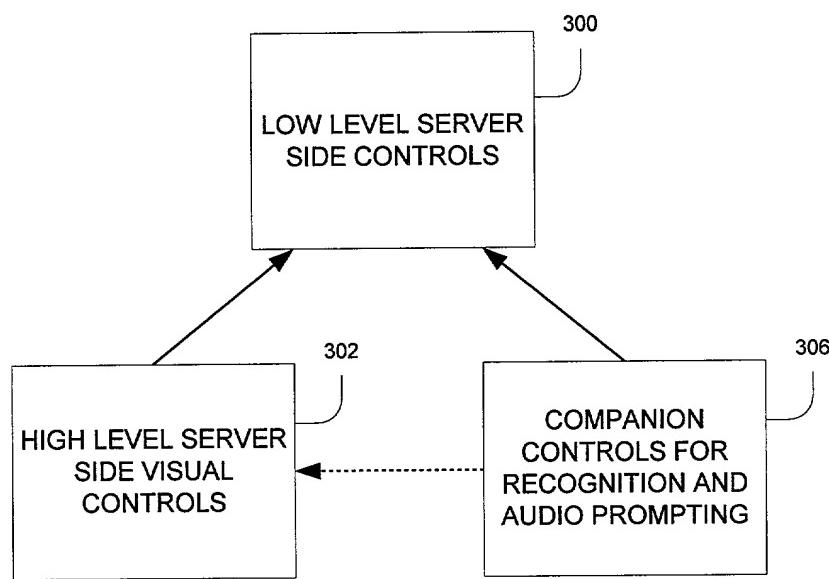
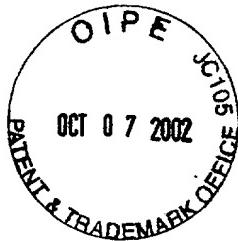


FIG. 9

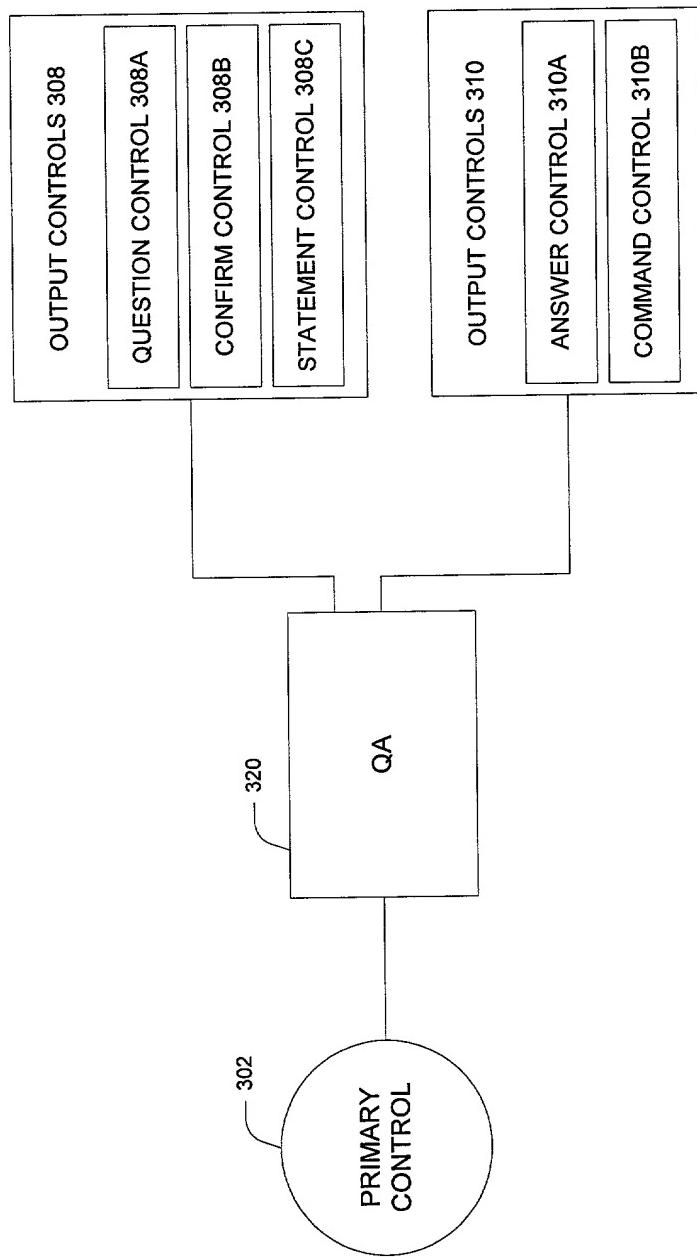


FIG. 10

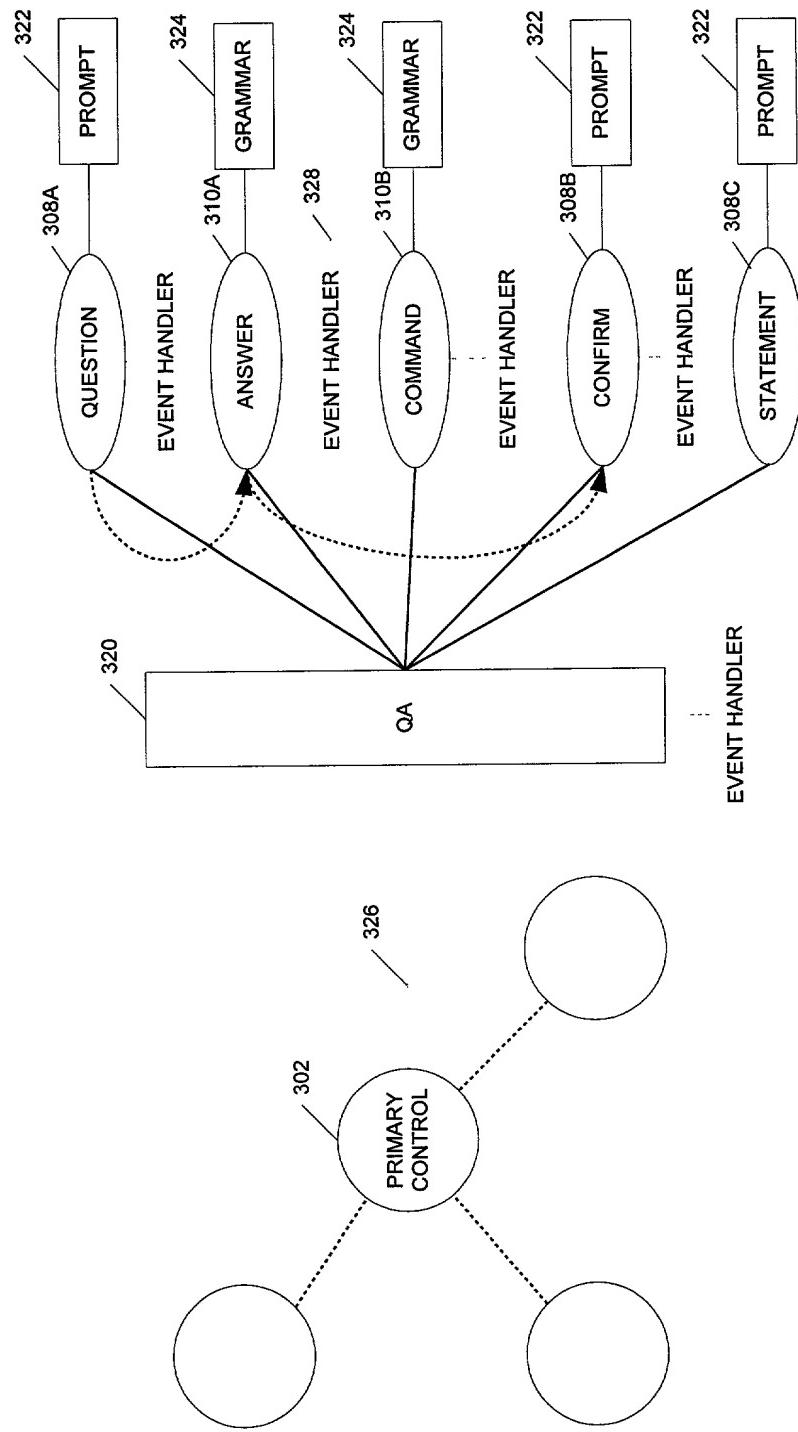


FIG. 11